

# The City of Anderson Stormwater Department would like to remind you . . .

The time of year has come to consider the condition of your stormwater facilities.

## Does your detention pond look like this?



## It Should.

Maybe your stormwater detention pond is not quite maintained as required. There may be no grass growing, deep ruts in the banks, or maybe the trash rack is full of debris from the last rain. Is it overgrown to the point of non-recognition? Whatever the reason, now is a great time to do something about it. Spring is the perfect time to over-seed bare spots to secure a good growth of grass.

Please refer to the included Detention Pond Maintenance Guide, document routine maintenance inspections, and help keep your stormwater facilities maintained. Compliance with the South Carolina Department of Health and Environmental Control Stormwater Regulations and the City of Anderson Stormwater Ordinance is required by the U.S. Environmental Protection Agency's Clean Water Act.

If you have any questions about your stormwater facility needs, please give us a call.



**City of Anderson Public Works Division**  
Stormwater Department  
864-231-2246



## DETENTION POND MAINTENANCE GUIDE

### Routine Maintenance

**INSPECTIONS** Conduct periodic inspections and inspections after rain events for obstructions, damage, or removal of debris and trash should be made and documented.

**VEGETATION MANAGEMENT** Mowing should be completed on a regular basis to maintain the pond volume as designed and to prevent erosion and/or aesthetic problems. A mowing height of six inches to one foot should be maintained at all times. Limit the use of fertilizers and pesticides to minimize entry into the pond and/or downstream waters. No trees or shrubs should be allowed to grow and if present, should be removed.

**TRASH DEBRIS AND LITTER REMOVAL** Removal of any trash, debris or litter, causing any obstructions at the inlet, outlet, orifice or trash rack should be completed during periodic inspections and /or after a rain event. General cleaning of trash, debris and litter in and around the perimeter of the pond should be completed during all inspections.

**MECHANICAL EQUIPMENT CHECK** Inspection of the outlet works, inlet orifice, trash rack, and trickle channel should be completed on a regular basis and any problems, repairs, or needed replacements should be completed as soon as possible.

### Non-Routine Maintenance

**BANK EROSION/STABILIZATION** It is critical to keep effective ground cover on all vegetated areas in order to get the benefits of proper infiltration of run-off, and effective filtering of pollutants. All areas not vegetated should be re-vegetated and stabilized as soon as possible and preferably prior to the next rain event.

**SEDIMENT REMOVAL** Every six months or as needed, accumulated sediment should be removed from the bottom of the outlet structure and the pond depth checked at several areas of the pond. If the depth of accumulated sediment is greater than 25% of the original design depth, sediment should be removed. The City of Anderson recommends the use of level stakes to keep track of the sediment levels. Removed sediment should be hauled off site.

**STRUCTURAL REPAIRS/REPLACEMENT** Check outlet structures or other structural components such as the trash rack for needed repairs or replacement.

### Other Items to Consider

- Are there any obstructions in the inlet, outlet or riser orifice?
- Has trash accumulated in the pond or on the trash rack?
- Is there any visible erosion or instability on the slopes and banks?
- Is there any sediment in the pond?
- Is there any settling or cracking of the berm area?
- Are there any upstream or downstream conditions that could affect the pond operation?
- Is the trickle channel conveyance in good working order?
- Is the outlet channel conveyance in good working order?

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